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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission

Application Number

10/734,462

Filing Date

December 12, 2003

First Named Inventor

Bruce W. Smith

Art Unit

9693

Examiner Name

Kevin C. Gutierrez

Attorney Docket Number

3016658 (88405-000231)

ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply (26 pgs)☒ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/
Incomplete Application☐ Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board
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(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
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Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm

Hiscock & Barclay, LLP

Signature

Printed Name

Eleanor M. Hynes, Esq.

Date

May 17, 2006

Reg.
No.

58,013

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Typed or printed name

Kathleen A. Manczuk

Date

May 17, 2006

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Kathleen A. Manczuk
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Appl. No. : 10/734,462 Confirmation No. 9693
Applicant : Bruce W. Smith
Filed : 12/12/2003 Art Unit: 2851
Title : METHOD FOR ABERRATION DETECTION AND MEASUREMENT
Examiner : Kevin C. Gutierrez
Docket No. : 3016658 US01
Customer No. : 44,331

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

Responsive to the March 17, 2006 Final Office Action, Applicants submit the following Amendment:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

An **Appendix** including an amendment and argument submitted by J. Chen to the Patent Office on October 29, 2003 is attached following page 9 of this paper.